

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011102

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09B67/08 C09B67/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | EP 0 796 900 A (BASF AKTIENGESSELLSCHAFT) 24 September 1997 (1997-09-24) cited in the application claim 1 | 1-10 |
| Y | EP 0 076 024 A (IMPERIAL CHEMICAL INDUSTRIES PLC) 6 April 1983 (1983-04-06) cited in the application bzgl. der Ammoniumsalze siehe Seite 13 Mitte bis Seite 14 unten page 8; line 24 - line 28 | 1-10 |
| Y | WO 01/14479 A (AVECIA LIMITED; MCELHINNEY, JOHN, JOSEPH; LOW, KRISTEN, SUSAN; MURPHY,) 1 March 2001 (2001-03-01) page 10, line 31 - line 35; examples 12-18 -/-- | 1-10 |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

21 March 2005

Date of mailing of the international search report

31/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Friebel, F

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/011102

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | US 3 759 733 A (BRANDLEY G,GB ET AL) 18 September 1973 (1973-09-18) column 1, line 31 - line 34; examples 16,22 | 1-10 |
| Y | DE 27 57 815 A1 (THE SHERWIN-WILLIAMS CO; PMC SPECIALTIES GROUP, INC., SUN VALLEY, CALI) 28 June 1979 (1979-06-28) page 13, line 8 - line 16 | 1-10 |
| Y | DE 198 06 397 A1 (BASF AG, 67063 LUDWIGSHAFEN, DE) 15 October 1998 (1998-10-15) claim 4 | 1-10 |
| A | US 4 885 033 A (BLACKBURN ET AL) 5 December 1989 (1989-12-05) the whole document | 1-10 |
| A | B.G.HAYS: "Surface treatment of organic pigments for printing ink applications" AMERICAN INK MAKER, vol. 62, no. 6, 1984, pages 28-50, XP009045503 page 46; figures 9,13 | 1-10 |

Best Available Copy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011102

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|--|--|
| EP 0796900 | A | 24-09-1997 | DE 19610702 A1 EP 0796900 A2 JP 10007924 A US 5814140 A | 25-09-1997 24-09-1997 13-01-1998 29-09-1998 |
| EP 0076024 | A | 06-04-1983 | AT 15681 T AU 554794 B2 AU 8669982 A CA 1190356 A1 DE 3266393 D1 DK 358582 A ,B, EP 0076024 A1 GB 2108143 A ,B JP 1782973 C JP 4072865 B JP 58040361 A NO 822716 A ,B, NZ 201300 A US 4461647 A ZA 8205226 A | 15-10-1985 04-09-1986 17-02-1983 16-07-1985 24-10-1985 12-02-1983 06-04-1983 11-05-1983 31-08-1993 19-11-1992 09-03-1983 14-02-1983 13-12-1985 24-07-1984 25-05-1983 |
| WO 0114479 | A | 01-03-2001 | AT 285450 T AU 6711200 A CN 1379802 A DE 60016936 D1 EP 1212377 A1 WO 0114479 A1 JP 2003507556 T US 6641655 B1 | 15-01-2005 19-03-2001 13-11-2002 27-01-2005 12-06-2002 01-03-2001 25-02-2003 04-11-2003 |
| US 3759733 | A | 18-09-1973 | GB 1356254 A BE 770037 A1 CA 962006 A1 CH 564067 A5 DE 2135468 A1 FR 2101733 A5 NL 7109790 A | 12-06-1974 17-01-1972 04-02-1975 15-07-1975 24-02-1972 31-03-1972 18-01-1972 |
| DE 2757815 | A1 | 28-06-1979 | NONE | |
| DE 19806397 | A1 | 15-10-1998 | FR 2762002 A1 GB 2324097 A ,B | 16-10-1998 14-10-1998 |
| US 4885033 | A | 05-12-1989 | CA 1330850 C DE 3854615 D1 DK 546288 A EP 0311560 A2 ES 2078898 T3 JP 1110578 A JP 2697873 B2 KR 9607937 B1 MX 171414 B | 26-07-1994 30-11-1995 04-04-1989 12-04-1989 01-01-1996 27-04-1989 14-01-1998 17-06-1996 26-10-1993 |

Best Available Copy